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# COMP0037 ASSIGNMENT 2

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**Group:** Group L

- 1 Introduction [dai ding]**
- 2 Effect of Vehicle Drive Speed [Yusi]**
- 3 Reactive Planner [Yun]**
  - 3.1 Definition of Reactive Planning System**
  - 3.2 Implementation of Our Reactive Planning System**
  - 3.3 Approach for Improving the Performance**
- 4 Frontier-Based Exploration System [Yun]**
  - 4.1 Frontiers**
  - 4.2 The Exploration Algorithm Provided**
  - 4.3 Our Implementation**
- 5 Integration of Our Planner and Exploration System [Yun]**
- 6 Information-Theoretic Path Planning [Yusi]**
- 7 Conclusion [dai ding]**

**References**